

Datasheet for ABIN631243
anti-UMPS antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	UMPS
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UMPS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	UMPS antibody was raised using the C terminal of UMPS corresponding to a region with amino acids VGFISGSRVSMKPEFLHLTPGVQLEAGGDNLGQQYNPQEVIGKRGSDII
Specificity:	UMPS antibody was raised against the C terminal of UMPS
Purification:	Affinity purified

Target Details

Target:	UMPS
Alternative Name:	UMPS (UMPS Products)
Background:	OPRT (UMPS) is involved in early events of pancreatic and gallbladder carcinogenesis and invasion of hepatocellular carcinomas. Orotate phosphoribosyltransferase is involved in the invasion and metastasis of colorectal carcinoma. Determination of OPRT levels in gastric

Target Details

carcinoma tissue enables to predict the response to S-1-based neoadjuvant/adjuvant chemotherapy.

Molecular Weight: 52 kDa (MW of target protein)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: UMPS Blocking Peptide, catalog no. 33R-9552, is also available for use as a blocking control in assays to test for specificity of this UMPS antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of UMPS antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. UMPS antibody used at 1 ug/ml to detect target protein.